Name of the Work : Improvements to Road,Drain and Footpath in Kannuramma Main Road and abutting Cross Roads in Ward No.8, Kodigehalli

1

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :-M/s Karthik Enterprises

Bill No :- 3rd RA and Part Bill

Measurements recorded on

Name Of work : - Improvements to Road,Drain and Footpath in Kannuramma Main Road and Abouting Cross Roads in Ward No.8, Kodigehalli

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
2	Removing & Refixing Stone slabs of drains and Pointing in C.M(1:3) (P.No.25, I.No.5.33 of PW, P&IWTD SR 2016-17)										
	LHS										
	195.00	203.00		1	8.00			1.20		9.60	
	211.80	214.30		1	2.50			0.90		2.25	
	RHS										
	10.00	15.80		1	5.80			0.90		5.22	
	15.80	29.50		1	13.70			0.90		12.33	
	228.00	234.70		1	6.70			0.90		6.03	
							Total Quantity			**35.43**	**Cu-m**

TEJUS CONSULTANTS

Consultant

Assistant Engineer

18/1

18/1

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

Name Of work : - **Improvements to Road,Drain and Footpath in Kannuramma Main Road and Abouting Cross Roads in Ward No.8, Kodigehalli**

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
4	KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work										
	LHS										
	167.20	182.20		1	15.00			1.10	0.85	14.03	Rcc Drain
	182.20	197.20		1	15.00			1.10	0.85	14.03	Rcc Drain
	197.20	212.20		1	15.00			1.10	0.85	14.03	Rcc Drain
	212.20	227.20		1	15.00			1.10	0.85	14.03	Rcc Drain
	227.20	234.00		1	6.80			1.10	0.85	6.36	Rcc Drain
	239.30	254.30		1	15.00			1.10	0.85	14.03	Rcc Drain
	254.30	269.00		1	14.70			1.10	0.85	13.74	Rcc Drain
	269.00	284.00		0	15.00			0.00	0.00	0.00	No work
	284.00	299.00		0	15.00			0.00	0.00	0.00	No work
	299.00	302.00		0	3.00			0.00	0.00	0.00	No work
	302.00	317.00		1	15.00			1.10	0.85	14.03	Rcc Drain
	317.00	332.00		1	15.00			1.10	0.85	14.03	Rcc Drain
	332.00	338.00		1	6.00			1.10	0.85	5.61	Rcc Drain
	338.00	342.50		1	4.50			0.60	0.40	1.08	Desilt
	342.50	357.50		1	15.00			1.10	0.85	14.03	Rcc Drain
	357.50	362.00		1	4.50			1.10	0.85	4.21	Rcc Drain
	RHS										
	0.00	10.00		1	10.00			0.95	0.85	8.08	RCC drain cover
	10.00	15.80		1	5.80			0.45	0.40	1.04	Desilt
	15.80	30.80		1	15.00			0.95	0.85	12.11	RCC drain cover
	30.80	36.40		1	5.60			0.95	0.85	4.52	RCC drain cover
	42.40	57.40		1	15.00			0.95	0.85	12.11	RCC drain cover
	57.40	72.40		1	15.00			0.95	0.85	12.11	RCC drain cover
	72.40	76.70		1	4.30			0.95	0.85	3.47	RCC drain cover
	81.30	96.30		1	15.00			0.95	0.85	12.11	RCC drain cover
	109.00	124.00		1	15.00			0.95	0.85	12.11	RCC drain cover
	124.00	131.00		1	7.00			0.95	0.85	5.65	RCC drain cover
	136.00	151.00		1	15.00			0.95	0.85	12.11	RCC drain cover
	151.00	155.30		1	4.30			0.95	0.85	3.47	RCC drain cover
	155.30	161.50		1	6.20			0.00	0.00	0.00	Cross Road, No Work
	161.50	176.50		1	15.00			0.95	0.85	12.11	RCC drain cover
	176.50	181.00		1	4.50			0.95	0.85	3.63	RCC drain cover
	186.50	195.30		1	8.80			0.95	0.85	7.11	RCC drain cover
	195.30	210.30		0	15.00			0.00	0.00	0.00	No Work
	210.30	225.30		0	15.00			0.00	0.00	0.00	No Work
	225.30	228.00		0	2.70			0.00	0.00	0.00	No Work
	228.00	243.00		1	15.00			0.95	0.85	12.11	RCC drain cover
	243.00	253.00		1	10.00			0.95	0.85	8.08	RCC drain cover
	253.00	261.00		1	8.00			0.00	0.00	0.00	Cross Road, No Work
	261.00	276.00		1	15.00			0.95	0.85	12.11	RCC drain cover
	276.00	284.00		1	8.00			0.95	0.85	6.46	RCC drain cover
	Culverts										
	LHS										
	132.00	137.50		1	5.50			1.30	1.15	8.22	RCC Culvert

Consultant

Assistant Engineer
24/1

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

24/1

Name Of work : - Improvements to Road,Drain and Footpath in Kannuramma Main Road and Abouting Cross Roads in Ward No.8, Kodigehalli

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	234.00	239.30		1	5.30			0.60	0.40	1.27	Culvet desilt
	RHS										
	36.40	42.40		1	6.00			1.15	1.15	7.94	RCC Culvert
	76.70	81.30		1	4.60			1.15	1.15	6.08	RCC Culvert
	96.30	109.00		1	12.70			0.45	0.40	2.29	culvert desilt
	131.00	136.00		1	5.00			1.15	1.15	6.61	RCC Culvert
	181.00	186.50		1	5.50			1.15	1.15	7.27	RCC Culvert
							Total Quantity			343.41	Cu-m

Consultant

Assistant Engineer

24/1

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

4

Name Of work : - Improvements to Road,Drain and Footpath in Kannuramma Main Road and Abouting Cross Roads in Ward No.8, Kodigehalli

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
5	KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work										
	LHS										
	167.20	182.20		1	15.00			1.10	0.10	1.65	
	182.20	197.20		1	15.00			1.10	0.10	1.65	
	197.20	212.20		1	15.00			1.10	0.10	1.65	
	212.20	227.20		1	15.00			1.10	0.10	1.65	
	227.20	234.00		1	6.80			1.10	0.10	0.75	
	239.30	254.30		1	15.00			1.10	0.10	1.65	
	254.30	269.00		1	14.70			1.10	0.10	1.62	
	302.00	317.00		1	15.00			1.10	0.10	1.65	
	317.00	332.00		1	15.00			1.10	0.10	1.65	
	332.00	338.00		1	6.00			1.10	0.10	0.66	
	342.50	357.50		1	15.00			1.10	0.10	1.65	
	357.50	362.00		1	4.50			1.10	0.10	0.50	
	RHS										
	0.00	10.00		1	10.00			0.95	0.10	0.95	
	15.80	30.80		1	15.00			0.95	0.10	1.43	
	30.80	36.40		1	5.60			0.95	0.10	0.53	
	42.40	57.40		1	15.00			0.95	0.10	1.43	
	57.40	72.40		1	15.00			0.95	0.10	1.43	
	72.40	76.70		1	4.30			0.95	0.10	0.41	
	81.30	96.30		1	15.00			0.95	0.10	1.43	
	109.00	124.00		1	15.00			0.95	0.10	1.43	
	124.00	131.00		1	7.00			0.95	0.10	0.67	
	136.00	151.00		1	15.00			0.95	0.10	1.43	
	151.00	155.30		1	4.30			0.95	0.10	0.41	
	161.50	176.50		1	15.00			0.95	0.10	1.43	
	176.50	181.00		1	4.50			0.95	0.10	0.43	
	186.50	195.30		1	8.80			0.95	0.10	0.84	
	228.00	243.00		1	15.00			0.95	0.10	1.43	
	243.00	253.00		1	10.00			0.95	0.10	0.95	
	261.00	276.00		1	15.00			0.95	0.10	1.43	
	276.00	284.00		1	8.00			0.95	0.10	0.76	
	Culverts										
	LHS										
	132.00	137.50		1	5.50			1.30	0.15	1.07	
	RHS										
	36.40	42.40		1	6.00			1.15	0.15	1.04	
	76.70	81.30		1	4.60			1.15	0.15	0.79	
	131.00	136.00		1	5.00			1.15	0.15	0.86	
	181.00	186.50		1	5.50			1.15	0.15	0.95	
							Total Quantity			**40.19**	**Cu-m**

Consultant

Assistant Engineer

3/2

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

Name Of work : - **Improvements to Road,Drain and Footpath in Kannuramma Main Road and Abouting Cross Roads in Ward No.8, Kodigehalli**

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
7	KSRB 4-6.1: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specifcation No. KBS 4.6.2 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work										
	Culverts										
	Raft										
	LHS										
	132.00	137.50		1	13.60				0.25	3.40	
	RHS										
	36.40	42.40		1	14.30				0.25	3.58	
	76.70	81.30		1	11.50				0.25	2.88	
	131.00	136.00		1	12.30				0.25	3.08	
	181.00	186.50		1	13.30				0.25	3.33	
							Total Quantity			**16.25**	**Sq-m**

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

6

Name Of work : - Improvements to Road,Drain and Footpath in Kannuramma Main Road and Abouting Cross Roads in Ward No.8, Kodigehalli

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
8	KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surfaces such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No.KBS 4.6.2 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work										
	Culverts										
	Side wall										
	LHS										
	132.00	137.50		4	5.50				0.75	16.50	
	RHS										
	36.40	42.40		4	6.00				0.75	18.00	
	76.70	81.30		4	4.60				0.75	13.80	
	131.00	136.00		4	5.00				0.75	15.00	
	181.00	186.50		4	5.50				0.75	16.50	
							Total Quantity			**79.80**	**Sq-m**

TEJUS CONSULTANTS

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Name Of work : - Improvements to Road,Drain and Footpath in Kannuramma Main Road and Abouting Cross Roads in Ward No.8, Kodigehalli

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
10	KSRB - 4.9.2: Providing TMT steel reinforcement Fe500 for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3. (P.No.17, I.No.4.46.2 of PW, P&IWTD SR 2016-17)									
	Culverts									
	LHS									
	Ch 132-137.50									
	12 main U bars									
	inner main bars	1	46.00	2.20			0.889		89.97	
	outer main bars	1	46.00	3.00			0.889		122.68	
	Distribution bars									
	8mm Dia bars									
	inner main bars	1	11.00	5.50			0.395		23.90	
	outer main bars	1	15.00	5.50			0.395		32.59	
	chairs 10mm dia	1	18.00	0.30			0.395		2.13	
	RHS									
	Ch 36.40-42.40									
	12 main U bars									
	inner main bars	1	50.00	2.20			0.889		97.79	
	outer main bars	1	50.00	3.00			0.889		133.35	
	Distribution bars									
	8mm Dia bars									
	inner main bars	1	11.00	6.00			0.395		26.07	
	outer main bars	1	15.00	6.00			0.395		35.55	
	chairs 10mm dia	1	18.00	0.30			0.395		2.13	
	Ch 76.70-81.30									
	12 main U bars									
	inner main bars	1	38.00	2.20			0.889		74.32	
	outer main bars	1	38.00	3.00			0.889		101.35	
	Distribution bars									
	8mm Dia bars									
	inner main bars	1	11.00	4.60			0.395		19.99	
	outer main bars	1	15.00	4.60			0.395		27.26	
	chairs 10mm dia	1	18.00	0.30			0.395		2.13	
	Ch 131-136									
	12 main U bars									
	inner main bars	1	42.00	2.20			0.889		82.14	
	outer main bars	1	42.00	3.00			0.889		112.01	
	Distribution bars									
	8mm Dia bars									
	inner main bars	1	11.00	5.00			0.395		21.73	
	outer main bars	1	15.00	5.00			0.395		29.63	
	chairs 10mm dia	1	18.00	0.30			0.395		2.13	
	Ch 181-186.50									
	12 main U bars									
	inner main bars	1	46.00	2.20			0.889		89.97	
	outer main bars	1	46.00	3.00			0.889		122.68	
	Distribution bars									
	8mm Dia bars									

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

8

Name Of work : - **Improvements to Road,Drain and Footpath in Kannuramma Main Road and Abouting Cross Roads in Ward No.8, Kodigehalli**

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	inner main bars	1	11.00	5.50			0.395		23.90	
	outer main bars	1	15.00	5.50			0.395		32.59	
	chairs 10mm dia	1	18.00	0.30			0.395		2.13	
	Box Drain									
	LHS									
	10 main U bars									
	outer main bars	1	760.00	2.30			0.617		1079.01	
	Distribution bars									
	8mm Dia bars									
	outer main bars	1	15.00	152.00			0.395		900.74	
	RHS									
	10 main U bars									
	outer main bars	1	1975.00	2.00			0.617		2438.27	
	Distribution bars									
	8mm Dia bars									
	outer main bars	1	13.00	197.50			0.395		1014.32	
									6742.45	
						Total Quantity			**6.74**	**MT**

CONSULTANT

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Name Of work : - Improvements to Road,Drain and Footpath in Kannuramma Main Road and Abouting Cross Roads in Ward No.8, Kodigehalli

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
9	Providing and laying cement concrete using 20mm and downsize granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for RCC works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, with all lead and lifts etc., complete (exclusive of cpost of steel and fabricaton charges) Ready Mixed Cement Concrete M 20 for Raft foundation, Column, Footing, main and secondary beams. with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work										
	RAFT										
	Culverts										
	LHS										
	132.00	137.50		1	5.50			1.10	0.25	1.51	
	RHS										
	36.40	42.40		1	6.00			0.95	0.25	1.43	
	76.70	81.30		1	4.60			0.95	0.25	1.09	
	131.00	136.00		1	5.00			0.95	0.25	1.19	
	181.00	186.50		1	5.50			0.95	0.25	1.31	
	Side Walls										
	LHS										
	132.00	137.50		2	5.50			0.25	0.75	2.06	
	RHS										
	36.40	42.40		2	6.00			0.25	0.75	2.25	
	76.70	81.30		2	4.60			0.25	0.75	1.73	
	131.00	136.00		2	5.00			0.25	0.75	1.88	
	181.00	186.50		2	5.50			0.25	0.75	2.06	
							Total Quantity			**16.50**	**Cu-m**

VENUS CONSULTANTS

Ramesh

Consultant

Assistant Engineer 13/2

13/2

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Name Of work : - **Improvements to Road,Drain and Footpath in Kannuramma Main Road and Abouting Cross Roads in Ward No.8, Kodigehalli**

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
6	Providing laying plain/ reinforced cement concrete M20 Grade for Box Drain walls of thickness 10cm to 20cm including centering shuttering for work etc. complete as per approved drawing and design MORTH specification No. 1500, 1700, 2200. (P.No.265, I.No.37.59.2 of PW, P&IWTD SR 2016-17)										
	Raft										
	LHS										
	167.20	182.20		1	15.00			0.90	0.15	2.03	
	182.20	197.20		1	15.00			0.90	0.15	2.03	
	197.20	212.20		1	15.00			0.90	0.15	2.03	
	212.20	227.20		1	15.00			0.90	0.15	2.03	
	227.20	234.00		1	6.80			0.90	0.15	0.92	
	239.30	254.30		1	15.00			0.90	0.15	2.03	
	254.30	269.00		1	14.70			0.90	0.15	1.98	
	302.00	317.00		1	15.00			0.90	0.15	2.03	
	317.00	332.00		1	15.00			0.90	0.15	2.03	
	332.00	338.00		1	6.00			0.90	0.15	0.81	
	342.50	357.50		1	15.00			0.90	0.15	2.03	
	357.50	362.00		1	4.50			0.90	0.15	0.61	
	RHS										
	0.00	10.00		1	10.00			0.75	0.15	1.13	
	15.80	30.80		1	15.00			0.75	0.15	1.69	
	30.80	36.40		1	5.60			0.75	0.15	0.63	
	42.40	57.40		1	15.00			0.75	0.15	1.69	
	57.40	72.40		1	15.00			0.75	0.15	1.69	
	72.40	76.70		1	4.30			0.75	0.15	0.48	
	81.30	96.30		1	15.00			0.75	0.15	1.69	
	109.00	124.00		1	15.00			0.75	0.15	1.69	
	124.00	131.00		1	7.00			0.75	0.15	0.79	
	136.00	151.00		1	15.00			0.75	0.15	1.69	
	151.00	155.30		1	4.30			0.75	0.15	0.48	
	161.50	176.50		1	15.00			0.75	0.15	1.69	
	176.50	181.00		1	4.50			0.75	0.15	0.51	
	186.50	195.30		1	8.80			0.75	0.15	0.99	
	228.00	243.00		1	15.00			0.75	0.15	1.69	
	243.00	253.00		1	10.00			0.75	0.15	1.13	
	261.00	276.00		1	15.00			0.75	0.15	1.69	
	276.00	284.00		1	8.00			0.75	0.15	0.90	
	Side wall										
	LHS										
	167.20	182.20		2	15.00			0.15	0.60	2.70	
	182.20	197.20		2	15.00			0.15	0.60	2.70	
	197.20	212.20		2	15.00			0.15	0.60	2.70	
	212.20	227.20		2	15.00			0.15	0.60	2.70	
	227.20	234.00		2	6.80			0.15	0.60	1.22	
	239.30	254.30		2	15.00			0.15	0.60	2.70	
	254.30	269.00		2	14.70			0.15	0.60	2.65	
	302.00	317.00		2	15.00			0.15	0.60	2.70	
	317.00	332.00		2	15.00			0.15	0.60	2.70	
	332.00	338.00		2	6.00			0.15	0.60	1.08	
	342.50	357.50		2	15.00			0.15	0.60	2.70	
	357.50	362.00		2	4.50			0.15	0.60	0.81	

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Name Of work : - Improvements to Road,Drain and Footpath in Kannuramma Main Road and Abouting Cross Roads in Ward No.8, Kodigehalli

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	RHS										
	0.00	10.00		2	10.00			0.15	0.60	1.80	
	15.80	30.80		2	15.00			0.15	0.60	2.70	
	30.80	36.40		2	5.60			0.15	0.60	1.01	
	42.40	57.40		2	15.00			0.15	0.60	2.70	
	57.40	72.40		2	15.00			0.15	0.60	2.70	
	72.40	76.70		2	4.30			0.15	0.60	0.77	
	81.30	96.30		2	15.00			0.15	0.60	2.70	
	109.00	124.00		2	15.00			0.15	0.60	2.70	
	124.00	131.00		2	7.00			0.15	0.60	1.26	
	136.00	151.00		2	15.00			0.15	0.60	2.70	
	151.00	155.30		2	4.30			0.15	0.60	0.77	
	161.50	176.50		2	15.00			0.15	0.60	2.70	
	176.50	181.00		2	4.50			0.15	0.60	0.81	
	186.50	195.30		2	8.80			0.15	0.60	1.58	
	228.00	243.00		2	15.00			0.15	0.60	2.70	
	243.00	253.00		2	10.00			0.15	0.60	1.80	
	261.00	276.00		2	15.00			0.15	0.60	2.70	
	276.00	284.00		2	8.00			0.15	0.60	1.44	
							Total Quantity			105.65	Cu-m

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Consultant

Assistant Engineer

13/2/18

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Assistant Executive Engineer

@ 413/99

Name Of work : - Improvements to Road,Drain and Fo ma Main Road and Abouting Cross Roads in Ward No.8, Kodigehalli

BOQ Item No	Description / Chainage		Side	Nos				Avg width	Depth	Quantity	Remarks
20	Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)										
	LHS										
	167.20	182.20		1	15.00			0.90		13.50	
	182.20	195.00		1	12.80			0.90		11.52	
	203.00	211.80		1	8.80			0.90		7.92	
	214.30	227.50		1	13.20			0.90		11.88	
	227.50	234.30		1	6.80			0.90		6.12	
	239.30	254.30		1	15.00			0.90		13.50	
	254.30	259.00		1	4.70			0.90		4.23	
	259.00	269.00		1	10.00			0.90		9.00	
	302.00	317.00		1	15.00			0.90		13.50	
	317.00	332.00		1	15.00			0.90		13.50	
	332.00	338.00		1	6.00			0.90		5.40	
	342.50	362.00		1	19.50			0.90		17.55	
	RHS										
	0.00	10.00		1	10.00			0.75		7.50	
	29.50	36.40		1	6.90			0.75		5.18	
	42.40	57.40		1	15.00			0.75		11.25	
	57.40	72.40		1	15.00			0.75		11.25	
	72.40	76.70		1	4.30			0.75		3.23	
	81.30	96.30		1	15.00			0.75		11.25	
	96.30	105.80		1	9.50			0.75		7.13	
	109.00	124.00		1	15.00			0.75		11.25	
	124.00	131.00		1	7.00			0.75		5.25	
	136.00	151.00		1	15.00			0.75		11.25	
	151.00	155.30		1	4.30			0.75		3.23	
	161.50	176.50		1	15.00			0.75		11.25	
	176.50	181.00		1	4.50			0.75		3.38	
	186.50	195.30		1	8.80			0.75		6.60	
	234.70	253.00		1	18.30			0.75		13.73	
	261.00	276.00		1	15.00			0.75		11.25	
	276.00	284.00		1	8.00			0.75		6.00	
								Total Quantity		**267.57**	**Sq-m**

Consultant

Assistant Engineer

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6/3

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Name Of work : - Improvements to Road,Drain and Footpath in Kannuramma Main Road and Abouting Cross Roads in Ward No.8, Kodigehalli

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
21	Providing and fixing RCC Precast cover slab of 250mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)										
	LHS										
	132.00	137.50		1	5.50			1.50		8.25	
	RHS										
	36.40	42.40		1	6.00			1.50		9.00	
	76.70	81.30		1	4.60			1.50		6.90	
	131.00	136.00		1	5.00			1.50		7.50	
	181.00	186.50		1	5.50			1.50		8.25	
							Total Quantity			**39.90**	**Sq-m**

Consultant

Assistant Engineer

6/3/18

Assistant Executive Engineer